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Sheet	1	of	4
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**Complete if Known**

<b>Application Number</b>	Not yet assigned
<b>Filing Date</b>	On even date herewith
<b>First Named Inventor</b>	Gerrit KOPPERT
<b>Parent Group Art Unit</b>	1638

Attorney Docket Number	KOPPERT=1A
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## U.S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Complete if Known</b>	
		Application Number	Not yet assigned
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		First Named Inventor	Gernit KOPPERT
		Parent Group Art Unit	1638
		Examiner Name	
Sheet 2	of 4	Attorney Docket Number	KOPPERT=1A

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
	AO	XP002191139, DATABASE BIOSIS 'Online! Abstract for LEE WOO SUNG et al., "Habitat Distribution, Leaf Shape Variation And Folk Use Of Wild Radish In Korea," <u>Journal of the Korean Society for Horticultural Science</u> , vol. 36, no. 6, pp. 785-791 (1995)	
	AP	XP002191140, DATABASE BIOSIS 'Online! Abstract for KANEKO et al., "Induction Of Translocation In Radish By Gamma-Ray Irradiation Of Seeds In The Chromosome Addition Lines Of Radish With A Single Kale Chromosome", <u>Japanese Journal of Breeding</u> , vol. 42, no. 2, pp. 383-396 (1992)	
	AQ	XP002191141, DATABASE BIOSIS 'Online! Abstract for NOZZOLILLO et al., "An Investigation Of The Intracellular Site Of Anthocyanoplasts Using Isolated Protoplasts And Vacuoles", <u>Plant Cell Reports</u> , vol. 7, no. 6, pp. 389-392 (1988)	
	AR	XP002191142, DATABASE BIOSIS 'Online! Abstract for YASUDA et al., "The Studies On The Spherical Bodies Containing Anthocyanins In Plant Cells I. Cytological And Cytochemical Observations On The Bodies Appearing In The Seedling Hypocotyls Of Radish Plants", <u>Cytologia</u> , vol. 50, no. 2, pp. 397-404 (1985)	
	AS	XP002191143, DATABASE BIOSIS 'Online! Abstract for SONG JI YOUNG et al., "Expression of CHS, CHI, and DFR Genes in Response to Light in Small Radish Seedlings", <u>Journal of Plant Biology</u> , vol. 41, no. 4, pp. 277-282 (1998)	
	AT	XP002191135: "Black Radish", UPOV <u>Guidelines for the Conduct of Tests for Distinctness, Uniformity and Stability</u> , Geneva (March 24, 1999)	
	AU	XP002191136: GIUSTI et al., "Anthocyanin Pigment Composition of Red Radish Cultivars as Potential Food Colorants", <u>Journal of Food Science</u> , vol. 63, no. 2, pp. 219-224 (1998)	
	AV	XP002191137, ADVANCES IN NEW CROPS, 'Online! YAMAGUCHI, "Asian Vegetables", (1990) retrieved from the Internet at URL: <a href="http://www.hort.purdue.edu/newcrop/proceedings1990/v1-387.html">http://www.hort.purdue.edu/newcrop/proceedings1990/v1-387.html</a>	
	AW	XP002191138: GIUSTI et al., "Elucidation Of The Structure And Conformation Of Red Radish ( <i>Raphanus Sativus</i> ) Anthocyanins Using One- And Two-Dimensional Nuclear Magnetic Resonance Techniques", <u>J. Agric. Food Chem.</u> , vol. 46, pp. 4858-4863 (1998)	
	AX	XP002191144, DATABASE BIOSIS 'Online! Abstract for MAKAROVA et al., "Inheritance Of Root And Leaf Characteristics In Radish Plants", <u>Genetika</u> , vol. 19, no. 2, pp. 304-311 (1983)	
	AY	XP002191145, DATABASE BIOSIS 'Online! Abstract for MOSKOVA-SIMEONOVA DIMKA et al., "Effect of Urea Cytokine N-(2-chloro-4-pyridyl)-N'-phenylurea (4-PU-30) on Anthocyanin Accumulation in Some Plants", <u>Fiziologiya Na Rasteniyata (Sofia)</u> , vol. 18, no. 2, pp. 9-13 (1992)	
	AZ	European Patent Office: <u>Patent Abstracts of Japan</u> : Abstract for JP 02 265474, "Red Dye and Production of Floccose Tissue Containing Same", NIPPON SHOKUBAI KAGAKU KOGYO CO LTD (October 30, 1990)	

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\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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First Named Inventor	Gerit KOPPERT
Parent Group Art Unit	1638
Examiner Name	
Attorney Docket Number	KOPPERT=1A

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

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	BA	XP002191146, DATABASE BIOSIS 'Online! Abstract for AHN et al., "Production Of Anthocyanin By Culture Of Hairy Roots Of Raphanus-Sativus CV. Chungpihongsim", <u>Korean Journal of Botany</u> , vol. 35, no. 1, pp. 37-43 (1992)	
	BB	European Patent Office: <u>Patent Abstracts of Japan</u> : Abstract for JP 01 086820, "Method for Cultivating 'Kaiware Daikon' and Apparatus Therefor", MIYACHI FOODS KK (March 31, 1989)	
	BC	XP002191147, DATABASE BIOSIS 'Online! Abstract for NASIR et al., "Expression of Heterosis for Biochemical Traits in Raphanus-Sativus", <u>Zeitschrift Fuer Acker- und Pflanzenbau</u> , vol. 155, no. 3, pp. 159-171 (1985)	
	BD	XP002191168, DATABASE BIOSIS 'Online! Abstract for LICHTENTHALER et al., "Physiological Effects of Photosystem II Herbicides on the Development of the Photosynthetic Apparatus", <u>Photosynthesis Research</u> , vol. 1, no. 1, pp. 29-44 (1980)	
	BE	XP002191172, DATABASE WPI, Derwent Publications Ltd., Abstract for KR 9 504 772 B, "Antocyanin Prodn. From Callus of Radish...", JIN RO LTD, (May 10, 1995)	
	BF	COOGAN et al.; "Pugency levels of white radish grown in different seasons in Australia"; <i>Food Chemistry</i> 72:1-3. 2001.	
	BG	ESHED et al; "Less than additive epistatic interactions of quantitative trait loci in tomato"; <i>Genetics</i> ; 143:1807-1817; 1996.	
	BH	GIUSTI et al; "Characterization of red radish anthocyanins"; <i>J. Food Sci.</i> 61(2):322-326; 1996.	
	BI	GRILL et al; "Photocontrol of Anthocyanin formation in turnip seedlings v. differential responses to patterns of hypocotyls and cotyledons"; <i>Planta</i> 85:42-56; 1969.	
	BJ	HOSHI et al; "Genetical study on the formation of anthocyanins and flavanoids in turnip varieties"; Genetical studies on anthocyanins in Brassicaceae II. <i>Bot. Mag. Tokyo</i> 88:249-254. 1975.	
	BK	KHARE et al; "Chlorophyll/anthocyanin levels in radish cotyledons after treatment with GA3 and chloramphenicol"; <i>Indian J. Plant Physiol.</i> 34:235-241. 1991	
	BL	KRAFT et al; "Linkage disequilibrium and fingerprinting in sugar beet. <i>Theor. Appl. Genet.</i> 101:323-326.	

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**First Named Inventor**

**Gerrit KOPPERT**

### Parent Group Art Unit

1638

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PARK et al; "Study on the anthocyanin pigment in 'Comet' radish. *Korean J. Food Sci.*; 25(5); 407-410; 1993.

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SAKAMOTO et al.; "Polymorphism of the s-locus glycoprotein gene (SLG) and the S-locus related gene (SLR1) in *Raphanus sativus* L. and self-incompatible ornamental plants in the Brassicaceae. *Mol. Gen. Genet.* 258-397-403. 1998.

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SAVOSKIN et al; "Effect of doubling the number of chromosomes on the qualitative composition and amount of anthocyanins in radish roots; "Sov. Genet. 7(11):1393-1396; 1974.

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